



August A. Busch Memorial Conservation Area
Powder Valley Conservation Nature Center
Rockwoods Reservation



Making Tracks

September 2003 *Volume 03, Number 9*

Stream

*By Dick Turner,
Fisheries Technician*

Education

Program



The Stream Education Program (SEP) is an aquatic educational program offered by the Missouri Department of Conservation's Fisheries Division. The focus of the SEP is to examine Missouri's water and aquatic life from a watershed point of view by demonstrating the web that binds living and non-living resources. Helping the citizens of Missouri understand their role in taking care of the state's aquatic resources will better prepare them to play an active part in using the state's resources wisely.

There are three segments that make up the Stream Education Program: the Stream Trailer, the EnviroScape[®] and Ground Water. While each segment of the program has a separate curriculum and defined goals, there is a common theme of controlled use and systematic protection of our aquatic resources.

The Stream Trailer is a large model of a flowing stream mounted on a trailer. The stream consists of a metal box filled with sediment and a battery-powered pump that circulates water through it to portray a range of fluvial processes. The model demonstrates how sediment, vegetation and flowing water interact to form stream channels. Because it is impractical and difficult to directly observe these processes in real streams, the model shows complex concepts that help viewers comprehend stream change and illustrates conservation techniques that can stabilize and restore streams.

The EnviroScape[®] is a three-dimensional model of a watershed that shows how stream health and water quality are the products of a watershed's land-use practices and human activities. The model includes urban, rural and industrial areas. Key topics of this demonstration include point-source and nonpoint-source pollution; and types of pollution such as soil, nutrients, pathogens and toxins. Students learn about the impact polluted runoff has on fish, wildlife and their habitat. Additionally, they learn water conservation habits they can change or adopt.

Ground Water has long been one of the most misunderstood parts of the hydrological cycle. The ground water portion of the SEP is designed to help students become familiar with Missouri's "hidden waters" and the characteristics of the aquifers that hold these waters. It is important to identify how ground water and surface water are interrelated and impact one another. This relationship stresses the importance of conservation practices throughout the water cycle. The model used in this demonstration illustrates how easily ground water and wells can become contaminated, and reveals the fragile nature of our ground water ecosystem.

The Stream Education Program emphasizes that we all live in a watershed and each of us can improve the quality of our ground and surface water by using our resources wisely. The SEP offers elementary and junior high school students special aquatic educational opportunities. If you are an educator interested in aquatic education for grades four through eight, you can contact the Missouri Department of Conservation Fisheries Division at (636) 441-4554 extension 243.



News from Powder Valley Conservation Nature Center

Autumn Tree Planting

By Rob Emmett, Urban Forester

I realize that many people feel that spring is the best time of year to plant a tree, but let me make a case for autumn tree planting.

Tree species selection and quantities available from the commercial nurseries in the autumn are very good. Almost every tree species that is available in the spring is also available in the autumn with only a few exceptions. The native flowering dogwood and river birch are two of these exceptions. Through years of experience, many nurseries have found that the survival rate of these two species is far better when these trees are dug and moved in the spring.

I have also found that if I wait until mid-October or November, many nurseries will have had time to dig and move even their most sensitive trees. Plus, the normal temperatures at this time of year make even the physical task of planting a tree enjoyable...almost!

When a tree is transported from the nursery to your house in the spring and summer months, the foliage needs to be protected so wind does not dry out the leaves and put the tree into a "shocked" or "wilted" condition. During the autumn, shock is eliminated because the tree is dormant and many times will have no leaves at all.

Even though evergreens retain their needles year round, they still begin a form of dormancy during the autumn. Because of this dormancy, most green industry professionals say they have their greatest survival rates on evergreens planted in the autumn.

A tree properly planted in the autumn has four to six months to settle into its new home before the onset of the spring growing season. During this time the tree's root system will actually grow and begin absorption of water and nutrients as long as the soil is not frozen. This allows the tree to be better prepared for the stresses of the growing season than a tree just planted that spring.

Do your homework. Select the right tree for that special location in your landscape. Remember to consider such site conditions as soil type, sunlight and moisture. Also, consider tree characteristics such as mature tree size, fall color, fruit and flowers. Once you have made your selection, go visit your favorite nursery this autumn and plant a tree. 🍂

Resident Artisan



Woodturners of St. Louis

Demonstration In Lobby
Saturday, September 13
10 a.m. to 3 p.m.

Powder Valley is pleased to bring back the Woodturners of St. Louis on Saturday, September 13. Club members will show you how a wood lathe works and all the tools used to create items such as bowls, tops, miniatures, pens and other objects. Woodturning has been around over 3000 years, and its origins can be traced back to ancient Egypt. Come share this historic craft with your family. The club members will have items for sale. No reservations required.

September Hallway Exhibits

Society of Independent Artists

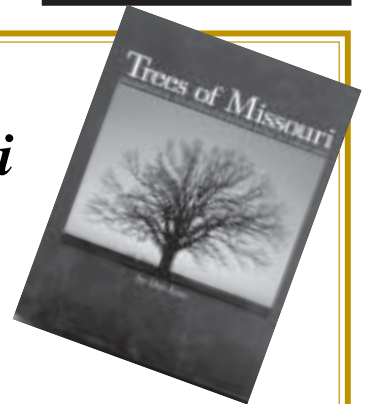
Fall Preview...October & November
Jr. Duck Stamps

Gift Shop Special *Trees of Missouri*

By Don Kurz
Illustrations by
Paul Nelson

Special Price \$13.20

As our September and October special, we are proud to highlight our new publication *Trees of Missouri* by Don Kurz, with illustrations by Paul Nelson. This book describes and illustrates 167 trees that grow in Missouri. Special features include tree habitat, range, physical characteristics and leaf comparison. Also included is how to care for and propagate native trees. Don't miss this opportunity to add this book to your nature library.



11715 Cragwold Road
Kirkwood, MO 63122
(314) 301 - 1500

LOCATION:

From I-44 east in Kirkwood, take Watson Road, exit and turn north on Geyer Road. Follow Geyer Road 200 yards to Cragwold Road. Go 1 mile west on Cragwold Road.

AREA HOURS:

Daylight Saving Time:

8 a.m. to 8 p.m.

Central Standard Time:

8 a.m. to 6 p.m.

NATURE CENTER HOURS:

Open all year, 7 days a week, from 8 a.m. to 5 p.m.

GIFT SHOP HOURS:

Open all year, 7 days a week, from 8 a.m. to 4:30 p.m.

ABOUT THE AREA:

112 acres of forestland and winding creeks, three hiking trails (one wheelchair accessible). Open to visitors free of charge.

News from

Rockwoods Reservation

We Have Karst By David Bruns, Conservation Education Consultant

"So what makes Missouri so special?" I was recently challenged by a Missouri visitor.

"Well," I replied, "We have KARST."

One of the greatest natural features lending a unique character to our state is not as obvious to people who visit Missouri as the mountainous peaks, rugged coastlines or sandy deserts of other states. That is because this feature is underground, or actually *is* the ground. Let me explain:


Sedimentary rocks including limestone and dolomite dominate the geology of Missouri. These carbonate rocks tend to dissolve over time from rainwater which is naturally slightly acidic. Rainwater seeps into rock crevices forming underground streams which, in turn, form caves. Missouri has well over 5000 caves which have been explored.

Caves have many unique and fragile features such as icicle-shaped stalactites and cone-shaped stalagmites, "flowstone" and "cave coral" which form when dissolved calcium carbonate precipitates into crystalline formations. Missouri's caves also provide habitat for many forms of wildlife. Some organisms are able to live their entire lives in caves, but can occasionally be found outside of them. These include cave salamanders, cave crickets and shrimp-like amphipods. Some of the most unique cave organisms can survive only in caves. These include the blind cave fish and cave crayfish.

An underground stream which emerges onto the surface of the landscape is a spring. Missouri has over 1000 springs which include some of the largest springs in the world! Spring branches feed into clear flowing rivers which are characteristic of the Ozarks and provide fishing, floating and other recreational opportunities to millions of people each year. Missouri is rich with wildlife, in part, because springs provide water, a critical component of wildlife habitat. When a stream disappears into the bedrock it is called a "losing stream." When the ceiling of a cave falls in, it forms a depression on the surface of the landscape called a sinkhole. Caves, springs, losing streams and sinkholes are all characteristic of the limestone/dolomite geology referred to as "Karst Topography," named after a region in Slovenia where this type of limestone geology was first studied. All of these features can be seen at Rockwoods Reservation and in many other areas throughout Missouri.

So the next time someone from out-of-state boasts of their own state: "We have mountains" or "We have beaches," you may answer back: "We have KARST."

For more information about Missouri's caves and karst visit:

<http://www.conservation.state.mo.us/conmag/2000/03/1.htm> 




Ask the Naturalist

Question: What are the positive attributes of squirrels? *Barbara Doshi, Fenton*

Answer: Squirrels benefit the natural world in many ways. Bobcats, coyotes and weasels are just a few of the predators that will prey upon squirrels, making them an important link in the food chain. People also hunt squirrels – some even claim squirrel dumplings as their favorite food.

Our forests also benefit from forgotten nut caches. Squirrels bury nuts in the fall to store for later use. Although some of these nuts are recovered and eaten, the forgotten ones will sprout and eventually become trees.

If you would like more information about squirrels, go to the MDC website at www.conservation.state.mo.us/nathis/mammals/squirrel. 

**2751 Glencoe Road
Wildwood, MO 63038
(636) 458 - 2236**

LOCATION:

From I-44, take Hwy. 109 (Eureka exit) north 4 miles to Woods Avenue; left on Woods Avenue, and then immediately right on Glencoe Road; follow signs.

From Hwy 40 (I-64), take Clarkson Road south to Manchester Road; right (west) on Manchester to Hwy. 109; left (south) on Hwy. 109, 2 miles to Woods Avenue; right on Woods Avenue, and then immediately right on Glencoe Road; follow signs.

From Manchester Road, take Hwy. 109 south 2 miles to Woods Avenue; right on Woods Avenue, and immediately right on Glencoe Road; follow signs.

AREA HOURS:

Sunrise until 1/2 hour after sunset.

VISITOR CENTER HOURS:

Open seven days a week, from 8 a.m. to 5 p.m., during March, April, May, June, September and October. The Visitor Center will be closed on weekends during July, August, November, December, January and February.

ABOUT THE AREA:

All facilities are free to the public, including:

*Education Center with exhibits and interpretive programs.

*1,898 acres of rugged, mostly hardwood, forested land interspersed with springs and streams.

*Three picnic areas (all with charcoal grills), two with drinking water, tables, and one with toilets.

*Seven trails (one is self-guided and wheelchair accessible) totaling more than 10 miles.



Shanna Raeker
Naturalist

How to register for a SEPTEMBER program

Reservations are required unless otherwise specified. Reservations will be taken Monday through Friday from 8 a.m. to 5 p.m. Programs are intended for individuals and families only. If you are unable to attend a program, please call and cancel your reservation as a courtesy to those on our waiting list. Please limit requests to two programs per month, with only one to include an Ages 3-6 program. **Please be prompt. Arrival after 10 minutes may exclude you from the program.** Interpreting services are available for people with hearing loss, with five days advance notice. If you are unable to attend, please cancel by calling: Rockwoods ext. 0; Powder Valley ext. 2225; and Busch ext. 307.



JAY HENGES
SHOOTING RANGE
& TRAINING CENTER

For reservations, call
(636) 441-4554

3 *September to November*
Bore Sight-In Assistance
Wednesday through Sunday 10 a.m. – 4 p.m.
The staff at Henges Range can help you with your bore sight-in for telescopic scopes. Become an expert in just a few short hours. Call and sign up for one-on-one help.

13 Youth Waterfowl Clinic
Saturday 9 a.m. – 4:30 p.m.
This course introduces 11- to 15- year-olds to waterfowl hunting. Students will learn waterfowl identification, hunting techniques, waterfowl regulations, safety and shooting skills and much more. Limited guided hunts will be available. Youth must attend clinic with an adult and must be Missouri Hunter Education certified.



BUSCH
SHOOTING RANGE
& TRAINING CENTER

For reservations, call
(636) 441-4554

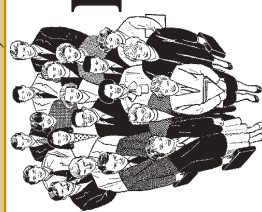
6 Muzzleloader/Black Powder Rifle Program

BUSCH AREA

For reservations, call (636) 441 - 4554

1 Monday


LABOR DAY!



9 Woody Woodpecker?
Tuesday 9:30 a.m. – 10:30 a.m. & 11 a.m. – Noon
(Ages 3-6) Have you ever wondered how a woodpecker can hammer on a tree and not get a headache? Come discover what other fascinating things these birds can do. (Reservations begin August 26.)

10 The Cockroach
Wednesday 9:30 a.m. – 10:30 a.m. (Ages 7-12) The very name makes us shudder! Come learn all of the fascinating facts about this much-despised, hard-working, most successful, oldest and least understood creature on earth. (Reservations begin August 27.)

11 Thursday
Pond Study
10 a.m. – 11:30 a.m.
(Ages 7-12) Kids, this is your chance to play in the mud and discover all of the critters that make their home in the pond. (Reservations begin August 28.)



POWDER VALLEY

For reservations, call (314) 301 - 1500

3 Wednesday 10 a.m. – 11 a.m. & 1 p.m. – 2 p.m.
Monarch Butterflies
(Ages 3-6) Learn about how striped caterpillars change to beautiful monarch butterflies and what happens to them in wintertime. (Reservations begin August 20.)

3 Wednesday 1 p.m. – 2:30 p.m.
Hiking at Powder Valley
(Adults) Let's hike Hickory Ridge Trail to see what birds, wildflowers and trees we can find. (Reservations begin August 20.)

6 Saturday 10 a.m. – 2 p.m.
Scout Discovery Table Bird ID/Flyways
(All Ages) Wolves can complete Birds (Elective #13d). Webelos can complete Outdoor Group: Naturalist #3 and #5. **Junior Girl Scouts** can complete Let's Get Outdoors: Wildlife #3 and #8. All are welcome and encouraged to check it out! (No reservations necessary.)

6&27 Saturday 9 a.m. – 10:30 a.m.
Identification of Common Missouri Trees
(Adults) Walk a trail and identify our common trees. (Reservations begin August 22 and September 12, respectively.)

HOMESCHOOL PROGRAM

Children must be accompanied by an adult.

11 Thursday 10 a.m. – 11:30 a.m.
Square Foot Investigations
(Families) Discover what can be found in a square foot of forest. We will work in teams as we investigate our own square foot. (Reservations begin August 22 and September 12, respectively.)

Saturday 8 a.m. – 4 p.m.
Always been curious about muzzleloader or black powder rifles? Let the Busch Range staff introduce you to these distinct firearm techniques. Spend the day learning the history, maintenance, accessories and techniques of black powder and muzzleloading firearms. You'll get plenty of "hands-on" time at the range. Call right away; class is limited in size for plenty of range time. Participants must be 18 years of age or accompanied by an adult.

Youth "First Timers" Squirrel Clinic and Hunt

12 **Friday & 14**
Friday 6 p.m.
Hunt 6 a.m.

Sunday
This clinic and hunt is one of our most popular classes! Plan to attend this course for first time youth hunters (ages 11 to 15) and learn skills and techniques that will last a lifetime. Youth must be Hunter Education certified, attend clinic and be accompanied by an adult. (Sponsors are available for hunt.) Call today to reserve your spot!

20 Women's Basic Rifle & Handgun Training

Saturday 8 a.m. – 3 p.m.
Annie Oakley will have nothing on you, once you attend this course that teaches the basics of firearm safety, types of guns, ammunition, loading and unloading, marksmanship and maintenance. The afternoon session puts you out there on the range to experience firsthand how to handle and shoot a firearm. Don't have a firearm? The course, instruction, firearms and ammunition are provided at no charge. Call for more details.

ATTENTION HUNTERS!

Don't put off your trip to the ranges in preparation for hunting season. October and November are the busiest times of the year at the ranges. Plan to come by in September and get ready for that big buck! Weekdays are the best time to come to avoid long lines. Have a safe and good season from the Missouri Department of Conservation.

13 Scout Discovery Table: Triple Try-its

Saturday 10 a.m. – 2 p.m.
(Brownies) Learn about the out-of-doors, have fun with other Brownies and work on some badge requirements all at the same time! **Brownies:** Animals #3, #5; Eco-explorer #1; Outdoor Adventurer #5.
(No reservations required.)



22 WHOO's Watching You?

Monday 9:30 a.m. – 10:30 a.m.
& 11 a.m. – Noon
(Ages 3-6) The answer could be an owl! Join us for a fascinating look at these owlfully cute birds of the night. (Reservations begin September 8.)

25 Persimmons, Nature's Fall Treat

Thursday 7 p.m. – 8:30 p.m.
(Adults) Discover persimmon facts and folklore and taste delicious baked goods made with them. We will take a short walk to gather a few to take home. (Reservations begin September 11.)

26 Story Hour – Animal Books

Friday 9:30 a.m. – 10:30 a.m.
(Ages 3-6) Bring your favorite huggable stuffed animal for an hour of animal stories. Cuddle up and learn about some of your favorite wild animals. (Reservations begin September 12.)

27 Clark Trail Hike

Saturday 8 a.m. – 1 p.m.
(Adults) This is a wonderful time of year to look for early fall colors and migrating hawks along the bluffs of the Missouri River. Join us for a 5.3-mile hike on the Clark Trail at the Weldon Spring Conservation Area. The bluffs offer some excellent thermals for the hawks to gain altitude during their southward migration. (Reservations begin September 13.)



13 Resident Artisan Woodturners of STL

Saturday 10 a.m. – 3 p.m.
(All Ages) Club members show the wood lathe, tools and items such as bowls, tops, miniatures, pens and other objects. Come share this historic craft with your family. No reservations required.

15 Hiking at Powder Valley

Monday 1 p.m. – 2:30 p.m.
(Adults) Let's hike Broken Ridge Trail to see what birds, wildflowers and trees we may see. (Reservations begin August 29.)

15,22,29 SEP 6,13,20 OCT Quilting Nature II

Monday 12:30 p.m. – 4 p.m.
(Adults) Come make a wall hanging, sampler, pillow top, etc.—your choice! Bring scissors, needles, thimble and thread. Lasts for six weeks. (Reservations begin August 25 and must be signed-up by September 8.)

18 Let's Make a Nature Book: Beginning Journaling

Thursday 10:30 a.m. – 11:15 a.m.
(Ages 3-6) Come learn the basics of making a journal. We'll write and draw and mount pictures and have fun! (Reservations begin September 4.)

18 Rocking Chair Story Time

Thursday 10 a.m. – 10:45 a.m. & 1 p.m. – 1:45 p.m.
(All Ages) Come enjoy a fun-packed time of hearing stories, using puppets and experiencing surprises galore! (No reservations needed.)

26 Insects of the Night

Friday 7:30 p.m. – 9 p.m.
(All Ages) Lighting bugs aren't the only night insects. Learn about insects that are active at night. See which insects you can collect using a black light and white sheet. Children must be accompanied by an adult. Frontiers Connection #28. (Reservations begin September 12.)

News from
August A. Busch Memorial Conservation Area



Grow Native! *By Holly Berthold, Metro Media Specialist*

Have you heard the buzz about Grow Native? Are you aware that what you plant in your garden can help sustain several native species of Missouri wildlife? If you haven't yet heard about the huge benefits that come from a Grow Native garden, you're in for some great news.


Grow Native! is a Missouri Department of Conservation program that exists to increase biodiversity. But not only does the Grow Native program benefit plant and animal life, it has great advantages to the homeowner as well. Let's "take a walk" through my Grow Native garden:

Walking up to the garden is a buffalo grass carpet. I haven't had to mow in three years due to the maximum height of this native turf grass; its 10-inch blades lay over flat for a neat turf appearance. The runners look like stars and people are always delighted to see this unusual turf.

Walking into the garden is a burst of bird-song and butterfly activity. Small native trees such as viburnum, buttonbush and serviceberry provide shelter, food and habitat for swallowtails, monarchs, wrens, yellow finches and dragonflies. Their presence makes the garden come alive, and it feels good to know I'm helping provide for these species, too. Knowing that viburnums provide a wonderful-tasting fruit, we slip a couple into our pockets for our own dinner.

The varieties of monkshood, echinacea, bee balm, goat's beard and Celandine poppy have been well established since converting to a Grow Native garden. One of the biggest advantages is the money I've saved. I love a big colorful garden; I used to spend hundreds of dollars on annuals and perennials that never quite took to the Missouri climate. The plants I put in three years ago have flourished and spread, making my one-time investment priceless.

Clearly, the benefits of a Grow Native garden are considerable. Join the thousands of Missouri gardeners who are enjoying the rewards of a beautiful, low-cost garden that benefits our native species. For more information, where to buy, plant lists and much more, visit:


www.grownative.org. 



Have you ever been to Mexico? I haven't, but thousands of Missouri natives travel to Mexico each September. I'm not talking about those spring breakers or newlywed honeymooners. I'm talking about the monarch butterfly. In fact the monarch is the only insect in North America to migrate, and the only one of its kind in the world to make a voyage of this extent.

These mighty insects migrate from east of the Rocky Mountains to Central Mexico when the fall chill begins to cool the air. Some of these butterflies travel as far as 2,000 miles and can take up to four months to reach their wintering grounds high in the mountains. There are many dangers on this perilous journey and many monarchs that start the trip never see their destination. But the millions that do will spend the cool but mild Mexican winter roosting in the mountain trees.

In the spring these butterflies will begin their journey north. The monarchs that made the trip south will never return to their homes. Instead these butterflies will lay eggs in northern Mexico and Texas and then die. The offspring of these butterflies will then travel farther north, breeding and spawning new generations along the way. The butterflies that return to Mexico the following September are actually the great-great-grandchildren of the Mexican migrants before.

This month keep an eye out for migrating monarchs, and don't forget to say "adios, amigo!" 

**2360 Highway D
 St. Charles, MO
 63304
 (636) 441 - 4554**

LOCATION:

From Hwy 40, take 94 south to Hwy. D; turn west on D for approx. 1 mile.

From I-70, take 94/First Capitol exit; turn south on Hwy. 94 to Hwy. D; turn west on D for approx. 1 mile. The area entrance is on the north side of Hwy. D.

HOURS:

Area is open from 6 a.m. until 10 p.m. See area regulations for special hunt hours.

Fishing hours are from 6 a.m. until 9 p.m. Rental boats are available April 1 through September 30. The office is open Monday through Friday from 8 a.m. until 5 p.m. and Saturday and Sunday from 8 a.m. until 4 p.m. It is closed some state holidays.

ABOUT THE AREA:

6,987 acres with 32 lakes and 40 ponds totaling 526 acres of water for fishing. There are six viewing blinds (two are wheelchair accessible), seven hiking trails totaling 5 miles, picnic area, staffed firearms range, and fishing jetties (some are wheelchair accessible). The area has interpretive programs, exhibits and demonstration sites and is used by bicyclists.



The Educators' Niche

By Barb Sandhagen, Conservation Education Consultant

What's for Dinner?

As cries are heard "What's for dinner?" tonight, remember to use your charcloth, flint and steel as you prepare. What? You don't have a charcloth? Do you have a flint and steel? How were you able to start a fire to cook dinner?

Charcloth, flint and steel are some of the artifacts used for a lesson titled "What's for Dinner?" This activity is one of many lessons found in the educator's notebook in the Missouri Department of Conservation's **Lewis & Clark in Missouri Discovery Trunk**. This lesson uses these tools to explain how members of the Expedition may have started a fire for a meal.

A **charcloth** is a small piece of cloth that can be used for starting a fire with primitive methods. The cloth is charred prior to your expedition or dinner. The charring makes it more flammable. Stored in an airtight container, charcloth is a predecessor to our modern-day charcoal. **Flint** is a very hard rock. The **"steel"** is a metal object shaped somewhat like a bracelet to fit on the outer part of the hand. The flint and steel are struck together with the charcloth beneath. Depending on friction and force, a spark is created that along with a gentle breath ignites the charcloth. Tinder is added to the small spark. Before too long you have a blazing fire!

Depending on safety issues, and after some practice, you may want to demonstrate how to start a fire with charcloth, flint and steel with your students. Another suggested idea for this lesson is to have them describe in journals what they think it would have been like to eat food prepared on the Expedition. Why not have the **Lewis and Clark Sounds of Discovery CD**, also included in the trunk, play in the background while they write?

The **Lewis and Clark in Missouri Discovery Trunk** also has a large Curriculum and Resource Guide titled *An American Legacy: The Lewis and Clark Expedition*. There are books, videos, CDs, mammal pelts and many replicas of supplies taken on the expedition.

The **Lewis and Clark in Missouri Discovery Trunk** can be borrowed from the Missouri Department of Conservation in the St. Louis Area. Other available St. Louis Area Discovery Trunks are: Missouri Mammals, Wetlands, Insects, Project Learning Tree and Reptiles.

All trunks are loaned out by the Department on a reservation basis only. You can reserve one by asking for Clerical Staff at the following four locations: Powder Valley Conservation Nature Center, (314) 301-1500 x 0, Rockwoods Reservation, (636) 458-2236 x 0, August A. Busch Memorial Conservation Area, (636) 441-4554 and the Outdoor Teacher Resource Center in Soulard, (314) 231-3803.

So, have you given thought to "what's for dinner" at your house tonight? Aren't you glad you only have to turn on the burner?!



the Outdoor Teacher



The Outdoor Teacher Education Resource Center

Hours:

Monday - Friday

8 a.m. - 5 p.m.

(closed daily 11 a.m. - Noon)

1926 S. 12th St.

St. Louis, MO 63104

(314) 231-3803

SHOOTING RANGES

B
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Busch Hours for September 2003:

10 a.m. - 4 p.m. Friday-Monday

2 p.m. - 8 p.m. Tuesday

Closed Wednesday & Thursday

Call (636) 441-4554 ext. 251 for info

Henges Hours for September 2003:

10 a.m. - 4 p.m. Thursday-Sunday

2 p.m. - 8 p.m. Wednesday

Closed Monday & Tuesday,

Call (636) 938-9548 for info

Ranges close for Special Events & Holidays

Upcoming Workshops for Educators:



Fishing For Answers

Come experience activities you can use to hook your students into learning about aquatic resources. Concepts and skills in aquatic ecology, field trip planning and basic fishing skills will be covered. Curriculum materials will be provided. This free workshop will be offered twice:

September 20

9 a.m. - Noon

Forest Park Fish Hatchery

(Grand Ave. near the junction of Kingshighway and Lindell)

September 27

9 a.m. - Noon

Bellefontaine

Conservation Area
(On Hwy 367 just south of the I-270 interchange)

Call (636) 441-4554 to register for one of these workshops.
(Registration deadline: September 12.)



Making Tracks
Missouri Department of Conservation
2360 Hwy D
St. Charles, MO 63304
www.conservation.state.mo.us

PRSRT STD.
U.S. POSTAGE PAID
JEFFERSON CITY MO
PERMIT 274

Making Tracks

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Rockwoods:

Janice Starke

Volunteer **Milestones**

*Thanks for all your
effort and help!*

Busch Conservation Area

Al Newman.....1700 hours
Kathy Hellmann.....600 hours
Ed Leutwiler.....500 hours
Linda Lopez.....300 hours

Rockwoods Reservation

Jerry Renaldi.....1650 hours
John Schroeder.....975 hours
John Ruprecht.....525 hours

Powder Valley Nature Center

Bill Maass.....3000 hours
Ken Barket.....2100 hours
Ginnie Young.....1500 hours
Jayne Parsons.....1400 hours
Joseph Schleeper...1100 hours
Tom Bayer.....750 hours
Bill Heady.....750 hours
Dietrich Mueller.....750 hours
Maury Frein.....400 hours
Jeanne Clauson.....400 hours
Julie Höijärvi.....300 hours
Cindy Taylor.....300 hours